

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
6 May 2004 (06.05.2004)

PCT

(10) International Publication Number  
**WO 2004/037790 A1**

(51) International Patent Classification<sup>7</sup>: C07D 213/48, 213/51

(21) International Application Number:  
PCT/IT2002/000625

(22) International Filing Date: 2 October 2002 (02.10.2002)

(25) Filing Language: English

(26) Publication Language: English

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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Declaration under Rule 4.17:**

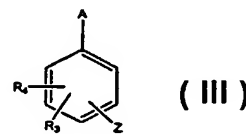
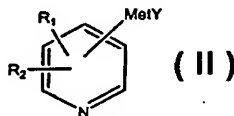
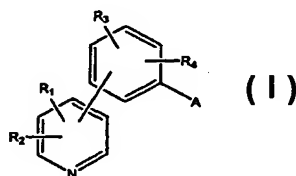
— of inventorship (Rule 4.17(iv)) for US only

**Published:**

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR THE PREPARATION OF ARYL-PIRIDYL COMPOUNDS



(57) Abstract: A method is described for the preparation of aryl-pyridine compounds of formula (I) by cross-coupling reaction, promoted by catalytic systems based on palladium or nickel between compounds of formula (II) and (III) in which: - Met represents Mg or Zn, - Y represents Cl, Br, I or acetoxy, - Z represents I, Br, Cl, triflate, sulphonate, phosphate, - R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, which are the same as one another or different, represent hydrogen, a linear and/or branched C<sub>1</sub>-C<sub>4</sub> alkyl, and/or an aryl, and/or a heteroaryl, or R<sub>1</sub> and R<sub>2</sub> and/or R<sub>3</sub> and R<sub>4</sub>, taken together, form a C<sub>3</sub>-C<sub>8</sub> ring, an aryl and/or a heteroaryl, - A represents -COR<sub>5</sub> where R<sub>5</sub> represents hydrogen, a linear and/or branched C<sub>1</sub>-C<sub>4</sub> alkyl, and/or an aryl, and/or a heteroaryl, or - A represents -CR<sub>5</sub>(OR<sub>6</sub>)(OR<sub>7</sub>) where R<sub>5</sub> has the meaning described above and R<sub>6</sub> and R<sub>7</sub>, which are the same as one another or different, represent a linear and/or branched C<sub>1</sub>-C<sub>4</sub> alkyl, and/or an aryl, and/or a heteroaryl, or R<sub>6</sub> and R<sub>7</sub>, joined together, represent a C<sub>1</sub>-C<sub>8</sub> alkyl or alkenyl.